

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/672,396A
Source: 1Fw16
Date Processed by STIC: 3/5/07

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 03/05/2007

PATENT APPLICATION: US/10/672,396A

TIME: 15:06:41

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Output Set: N:\CRF4\03052007\J672396A.raw

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 5 REID, RALPH C.
 6 KODUMAL, SARAH J.
 7 JAYARAJ, SEBASTIAN
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see p. 6

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253 agcttaagag gtacggcgac ggggtgtctc ctgggtgttg cttaaatttg ctatggtgaa 480
254 gataccgcgc ctgcggagga cgtagaaggg tactcggtga cgggggtggc gcccgcggtg 540
255 gcgtccggcc gtatttccta cactatgggc ctggaggggc cgtcgattag cgtcgatacc 600
256 gcttgcctct cctcattagt tgcgttacac cttgccgttg agtctctgcg taaaggggag 660
257 agcagcatgg cggttgtcgc tggcgcggcc gtcatggcaa cacctggcgt tttcgtcgat 720
258 ttttctcgcc aacgtgcact cgcagcggat ggtcggagca aagcctttgg cgcgggcgcc 780
259 gatggtttcg gctttagcga aggtgtaacc ttggttctgc tggagcgtct gtccgaagcg 840
260 cggcgcaacg gccatgaagt gctggctgtc gttcgtggga gcgcactgaa ccaagatggc 900
261 gctagcaatg gcttgagcgc tccttcggg ccagcacagc gccgtgtaat tcgccaagcg 960
262 ctggaaagct gcggtctcga accaggcgat gtggacgcgg tagaagcaca cggcacgggc 1020
263 acggctctgg gtgatccgat tgaggcaaac gctttgctgg atacctatgg ccgtgatcgt 1080
264 gatgcagacc gccactttg gctgggctct gttaaatcaa acatcgcca taccaggcg 1140

```

RAW SEQUENCE LISTING ERROR SUMMARY
 PATENT APPLICATION: US/10/672,396A

DATE: 03/05/2007
 TIME: 15:06:42

Input Set : A:\Sub 20574_003610US.txt
 Output Set: N:\CRF4\03052007\J672396A.raw

FyI

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:20; Xaa Pos. 2,4,5,6,8
 Seq#:26; N Pos. 1,2,3,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,32
 Seq#:26; N Pos. 39,40,41,42
 Seq#:27; N Pos. 1,2,3,10,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32
 Seq#:27; N Pos. 39,40,41,42
 Seq#:28; N Pos. 1,2,3,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26
 Seq#:29; N Pos. 6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,29,30,31,32
 Seq#:29; N Pos. 33
 Seq#:30; N Pos. 1,2,3,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,32
 Seq#:30; N Pos. 33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,55,56,57,58
 Seq#:30; N Pos. 59
 Seq#:34; N Pos. 5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,28,29,30
 Seq#:35; N Pos. 1,2,3,4,5,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27
 Seq#:35; N Pos. 28
 Seq#:36; N Pos. 1,2,3,4,5,6,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28
 Seq#:36; N Pos. 29,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,58,59
 Seq#:36; N Pos. 60

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:33; Line(s) 1887

VERIFICATION SUMMARY

DATE: 03/05/2007

PATENT APPLICATION: US/10/672,396A

TIME: 15:06:42

Input Set : A:\Sub 20574_003610US.txt

Output Set: N:\CRF4\03052007\J672396A.raw

L:1709 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:1785 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:1802 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:1819 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:1836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:1854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:1904 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:1921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:1939 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0